Alabama	Department	of	Environmental	Management

ALABAMA TANK TRUST FUND

REASONABLE RATE SCHEDULE

June 2003

ALABAMA TANK TRUST FUND

REASONABLE RATE SCHEDULE

EFFECTIVE JUNE 1, 2003

The current Alabama Tank Trust Fund Reasonable Rate Schedule has been prepared to provide tank owners/operators and approved Alabama Tank Trust Fund Response Action Contractors with the reasonable allowable rates for certain activities listed. The enclosed list includes typical activities for which the Department has established reasonable allowable rates. Activities not listed or listed as site specific rates on the schedule will be evaluated through the cost proposal and payment request process and approval and reimbursement will be based on the typical rates charged for those types of activities.

The reasonable allowable rates have been established based on a review of ADEM payment requests received and based on surveys conducted by the Department of laboratories, contractors and consulting firms. For some activities, Tank Trust Fund Response Action Contractors may be able to charge lower rates than those listed on the attached pages. In this situation, the Tank Trust Fund Contractor should only charge the actual cost of conducting that activity. Tank Trust Fund activities should not be charged at a higher rate than would be typically charged at a non-Trust Fund site. The Department will only reimburse actual expenses and proper documentation must be submitted with the payment request in order to receive reimbursement.

This rate schedule will begin to be utilized for cost proposals received after June 1, 2003. Cost proposals approved prior to June 1, 2003 should adhere to the amount approved for that cost proposal.

GENERAL INFORMATION

Please note the brief description of the following Alabama Tank Trust Fund policies and procedures:

Eligibility of Releases

The Alabama Tank Trust Fund only covers motor fuel releases from aboveground and underground storage tank systems that are determined to be eligible for participation in the Trust Fund. Tank owners/operators are notified of eligibility by the Department at the time that the Department requires additional assessment and/or remediation activities to occur through the issuance of a "Notification of Requirement to Conduct Investigative and Corrective Action" letter.

Cost Proposals

It is a regulatory requirement that a cost proposal is submitted which proposes the cost for performing required site activities. In order to receive reimbursement for site costs, the cost proposals shall be submitted prior to the initiation of the site activities, unless otherwise directed by the Department. The Department will review the scope of work and the proposed costs contained in the cost proposal and will issue a letter of approval to the tank owner/operator.

Cost Proposal Addendum

Where the owner/operator requests an increase in the scope of work and wishes to have those costs covered under the Trust Fund, a cost proposal addendum may be requested to cover additional scopes of work or unforeseen site circumstances. The owner/operator or his Trust Fund Contractor should notify the appropriate ADEM UST Corrective Action Section Project Manager immediately and request an addendum to cover additional eligible and reasonable costs.

Payment Requests

Payment requests are required to be submitted within one year of the date of the associated cost proposal. Scopes of work covered by an approved cost proposal should not be proposed which include site activities that will extend beyond the one-year period. Timesheets or other adequate detailed labor documentation must be submitted with the payment request.

<u>Iwo</u> copies of the payment requests should be submitted to the following address:

Alabama Department of Environmental Management Attention: Permits & Services Administrative Section Post Office Box 301463 Montgomery, Alabama 36130-1463

For further information regarding Trust Fund issues, please refer to the ADEM Administrative Code R.335-6-16 regulations, the "Alabama Underground Storage Tank Release Investigation and Corrective Action" Guidance Manual, or contact any of the ADEM UST Corrective Action Section project managers at (334) 270-5655.

ALABAMA TANK TRUST FUND REASONABLE RATE SCHEDULE

EFFECTIVE 6/1/2003

<u>ANALYTICAL</u>			
	<u>METHOD</u>	SOIL	WATER
TPH	5520	\$60	
	418.1/9071	\$50	
	MOD. 8015 GRO	\$80	
	MOD 8015 DRO	\$95	
	4030 (ENSYS)	\$35-\$47	
	4030 (Other Company)	Site Specific	
LEAD	239.2/7420/7421	\$25	\$25
	6010	\$15	\$15
BTEX	8021	\$60	\$60
	602		\$65
	624		\$95
BTEX + MTBE	8021	\$65	\$65
PAH	610		\$130
	8100	\$130	\$120
	8310	\$160	\$150
	625		\$260
VOLATILES	601		\$100
	8010	\$105	\$100
NITRATE	353.3/9200		\$20
SULFATE	375.4/9036/9038		\$20
IRON	200.7/6010		\$20
MOISTURE CONTENT		\$15	
GRAIN SIZE ANAL.		\$40	
DRY BULK DENSITY		\$20	
FRAC. ORG. CARBON		\$40	
SOIL POROSITY		\$20	
PORTABLE GC		\$150/DAY	\$150/DAY

Sample Containers for lab analyses	Included in	Lab Cost Included in Lab Cost
FIELD EQUIPMENT	RATE	UNIT
Explosimeter	\$10	Day
Oxvgen Meter	\$10	Dav
FID	\$50	Dav
PID	\$50	Day
Dissolved Oxygen Meter	\$10	Day
pH/Conductivity Meter	\$10	Day
Water Level Indicator	\$10	Day
Oil/Water Interface Probe	\$10	Day
Disposable Bailers	\$7	Bailer
SAFETY EQUIPMENT	RATE	<u>UNIT</u>
LEVEL "D" (includes gloves)	\$10	MAN/DAY
LEVEL "C"	\$20	MAN/DAY
LEVELS "A" OR "B"	AT REASONABLE COST	MAN/DAY
DRILLING	RATE	<u>UNIT</u>
MOB AND DEMOB		
Lump Sum Base	\$200	[rip
Mileage	81	Mile
Maximum Mob and Demob	\$500	Ггір
2" Monitoring Wells (HSA)	\$41	Foot
4" Monitoring Wells (HSA)	\$43	Foot
Soil Boring (HSA)	\$18-\$20	Foot
Hand Augered Borings/Temporary We		Well
Rock Drilling/Coring	Site Specific Rate	Foot
6" Recovery Wells	Site Specific Rate	Foot
Additional Soil Samples	\$20	Sample
Felescoping Wells	Site Specific Rate	Foot
Direct Push Technologies	Site Specific Rate	Day

RATE	UNIT
\$0.05	Page
At Cost	Page
At Cost	Call
At Cost	Call
At Cost	Package
At Cost	Item/Box
At Cost	Roll
\$30	Drum
\$0.36	Mile
11.25	Day
\$30	Day
\$75	Day
	\$0.05 At Cost At Cost At Cost At Cost At Cost \$30 \$0.36

^{*} Covers field activities only. Overnight stay allowed if greater than 50 miles from homebase and when outside the firm's homebase metropolitan area.

PASS-THROUGH CHARGES:

Limited to maximum of five (5%) percent for each subcontractor invoice. Applicable to subcontracted costs only or for capital expenditures. There is no longer a "cap" on pass-through charges. Applicable to:

Subcontracted Drilling
Subcontracted Analytical Services
Excavation/Transportation/Disposal of contaminated Soils and/or
Groundwater at Treatment/Disposal Facility
Subcontracted On-Site Treatment Service
Capital Expenditures
Utility Bills for remediation systems

NON-REIMBURSABLE ITEMS

Closure Site Assessments

Environmental Audits

Tank Testing (Unless eligible by Rule 335-6-16-.08(3))

Tank System Removals

Tank System Installations

Soil removal costs associated with Closure Activities

Local Phone Charges

Office Equipment (Includes computers)

Camera Rentals or purchases

Vehicle Rental

Fuel Charges

Survey Equipment

Hand Augers and soil samplers

Tool Kits and Hand Tools

Temperature probes

Rush charges not approved by ADEM

Charges presented for payment which exceed actual costs

Charges presented for payment which are not documented on invoices

Charges associated with a non-motor fuel release

Charges associated with a release discovered prior to 10/01/88 for a UST Release

Charges associated with a release discovered prior to 8/1/93 for an AST Release

There are other items that are non-reimbursable. These will be identified through the cost proposal approval process.

NOTE: All payment requests must be submitted within one year of the date of the associated approved cost proposal in order to be eligible for reimbursement.

REASONABLE RATE SCENARIOS

In addition to establishing individual reasonable rates on a unit-type basis, the Department has also developed response action scenarios that indicate based on the Department's review of previously submitted response action reports and payment requests, the costs for contractor personnel to conduct such activities. Various scenarios have been developed and these scenarios are located in the pages following this section.

The scenarios are based on a typical Alabama Tank Trust Fund Contractor with five major job classifications: Clerical, Draftsperson, Technician, Staff Geologist/Engineer, Project Manager, and Professional Geologist (PG)/Professional Engineer (PE). These job categories and their associated average rates were utilized to develop the scenarios. The scenarios consist of four parts: Report/Plan Development, Fieldwork activities, Travel Time and Cost Proposal/Payment Request Preparation.

The purpose of the scenarios is to provide Alabama Tank Trust Fund Contractors with guidance for the preparation of cost proposals. The Department recognizes that each firm may have different personnel and personnel rates within their respective firms. These scenarios illustrate an overall cost for the activity. Individual rates may differ, but the cost for the activity should be similar to these scenarios unless the scope of work is significantly different.

ALABAMA TANK TRUST FUND REPORT & PLAN DEVELOPMENT SCENARIOS

PRELIMINARY INVESTIG	CATION REPORT		
I KELIMINAKI INVESTIC	ALION NEI ONI	HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	3 \$ 3 \$ 32 \$ 16 \$ 6 \$	80 \$ 240 95 \$ 285 70 \$ 2,240 45 \$ 720 37 \$ 222 \$ 3,707
SECONDARY INVESTIGA	TION PLAN	HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	1 \$ 2 \$ 4 \$ 2 \$ 2 \$ 2 \$	80 \$ 80 95 \$ 190 70 \$ 280 45 \$ 90 37 \$ 74 \$ 714
SECONDARY INVESTIGA	TION REPORT	- 	
		HOURS RATE	<u>REASONABLE COST</u>
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	2 \$ 4 \$ 38 \$ 14 \$ 10 \$	\$0 \$ 160 95 \$ 380 70 \$ 2,660 45 \$ 630 37 \$ 370 \$ 4,200
GROUNDWATER MONIT	ORING PLAN	HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	1 \$ 1 \$ 2 \$ 0 \$ 2 \$	80 \$ 80 95 \$ 95 70 \$ 140 45 \$ - 37 \$ 74 \$ 389

GROUNDWAFER MON Quarterly Report	ITORING REPORT - ONE SAMPLIN	NG EVENT HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	1 \$ 1 \$ 6 \$ 2 \$ 2 \$	80 \$ 80 95 \$ 95 70 \$ 420 45 \$ 90 37 \$ 74 \$ 759
GROUNDWATER MON Senn-Annual Report	ITORING REPORT - TWO SAMPLI	ING EVENTS HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	2 \$ 2 \$ 12 \$ 4 \$ 4 \$	80 \$ 160 95 \$ 190 70 \$ 840 45 \$ 180 37 \$ 148 \$ 1,518
FREE PRODUCT REMO	OVAL PLAN		
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	HOURS RATE	REASONABLE COST 80 \$ 80 95 \$ 95 70 \$ 280 45 \$ 45 37 \$ 74 \$ 574
FREE PRODUCT REM	OVAL REPORT	HOURS RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	2 \$ 2 \$	80 \$ 160 95 \$ 190 70 \$ 420 45 \$ 90 37 \$ 74 \$ 934

AQUIFER TEST REPORT				
		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	i.	2 \$ 4 \$ 2 \$ 2 \$ 4 \$ \$ 4 \$ \$ 4 \$ \$ \$ 4 \$ \$ \$ \$	80 \$ 160 95 \$ 380 70 \$ 840 45 \$ 90 37 \$ 148 \$ 1,618
SOIL VAPOR EXTRACTIO	ON PILOT TEST REPORT			
		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	- 1. 2	4	80 \$ 320 95 \$ 380 70 \$ 840 45 \$ 90 37 \$ 148 \$ 1,778
CAP DEVELOPMENT - RN	A			
		<u>HOURS</u>	<u>RATE</u>	<u>REASONABLE COST</u>
* 8 hours less for Staff Geo/En	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL		\$ \$ \$	80 \$ 240 95 \$ 190 70 \$ 1,120 45 \$ 90 37 \$ 148 \$ 1,788
CAP DEVELOPMENT -	5 will no moderning performed		·	
SOIL EXCAVATION ONLY	,			
		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	2 6 2	\$ \$ \$	80 \$ 160 95 \$ 190 70 \$ 420 45 \$ 90 37 \$ 148 \$ 1,008

CAP DEVELOPMENT-					
GROUNDWATER & SOIL	REMEDIATION				
		<u>HOURS</u>	<u>R4TE</u>		REASONABLE COST
			_		
	PROJECT MGR				\$ 320
	PE/PG	14		95 70	
	STAFF GEOLOGIST/ENGINEER	82 24		70 45	\$ 5,740
	DRAFTSMAN CLERICAL	24 16		+5 37	,
	CLERICAL	10	·Þ	37 	\$ 9,062
					3 9,002
ARBCA DATA ACQUISITI	ON PLAN (DAP)				
	· · · · · · · · · · · · · · · · · · ·	<u>HOURS</u>	<u>RATE</u>		REASONABLE COST
	PROJECT MGR	2	\$	80	\$ 160
	PE/PG				\$ 190
İ	STAFF GEOLOGIST/ENGINEER			99 60	\$ 480
	DRAFTSMAN	2			\$ 70
	CLERICAL	2		27	\$ 54
1		~	•		\$ 954
				•	
ARBCA TIER 1 REPORT					
		<u>HOURS</u>	<u>RATE</u>		REASONABLE COST
	PROJECT MGR				
	PROJECT MGR PE/PG	8	\$	80	\$ 640
		8	\$ \$	80 95	\$ 640
	PE/PG	8 8	\$ \$ \$	80 95 70	\$ 640 \$ 760
	PE/PG STAFF GEOLOGIST/ENGINEER	8 8 40 12	\$ \$ \$	80 95 70 45	\$ 640 \$ 760 \$ 2,800
	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL	8 8 40 12 4	\$ \$ \$	80 95 70 45	\$ 640 \$ 760 \$ 2,800 \$ 540
	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN	8 8 40 12 4	\$ \$ \$	80 95 70 45	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140
ARBCA TIER 2 REPORT	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL	8 40 12 4 tation	\$ \$ \$ \$	80 95 70 45 35	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880
	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL	8 40 12 4 tation	\$ \$ \$	80 95 70 45 35	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140
ARBCA TIER 2 REPORT	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL	8 8 40 12 4 tation	\$ \$ \$ \$ \$	80 95 70 45 35	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880
ARBCA TIER 2 REPORT	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL ation collected during DAP implemen	8 8 40 12 4 tation	\$ \$ \$ \$ \$ <i>RATE</i>	80 95 70 45 35	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880
ARBCA TIER 2 REPORT	PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL atton collected during DAP implemen	8 8 40 12 4 tation <i>HOURS</i>	\$ \$ \$ \$ \$ \$ \$ \$	80 95 70 45 35	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880 REASONABLE COST \$ 80
ARBCA TIER 2 REPORT	PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL ation collected during DAP implemen PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN	8 8 40 12 4 tation <i>HOURS</i>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	80 95 70 45 35 80 95	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880 **REASONABLE COST* \$ 80 \$ 285
ARBCA TIER 2 REPORT	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL atton collected during DAP implemen PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER	8 8 40 12 4 tation HOURS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	80 95 70 45 35 80 95 70	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880 REASONABLE COST \$ 80 \$ 285 \$ 560
ARBCA TIER 2 REPORT	PE/PG STAFF GEÖLÖGIST/ENGINEER DRAFTSMAN CLERICAL ation collected during DAP implemen PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL	8 8 40 12 4 tation HOURS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	80 95 70 45 335 80 95 70 45	\$ 640 \$ 760 \$ 2,800 \$ 540 \$ 140 \$ 4,880 REASONABLE COST \$ 80 \$ 285 \$ 560 \$ 45

MONITORING WELL ARA	ANDONMENT PLAN & REPORT	······································		<u> </u>	
		<u>HOURS</u>	<u>R.4</u>	<u>TE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL		1 \$ 1 \$ 2 \$ 0 \$ 1 \$	80 95 70 45 35	
SYSTEM PURCHASE REP	ORT	W-U-1-NO-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
Letter stating purchase of systems	em has occurred*	<u>HOURS</u>	<u>R.4</u>	<u>TE</u>	REASONABLE COST
system purchase only	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN CLERICAL mitted an individual cost proposal for M INSTALLATION REPORT PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER DRAFTSMAN	HOURS	16 16 22 8	\$80 \$95 \$70 \$45 \$37 ************************************	\$0 \$95 \$0 \$0 \$37 \$132 *** *** *** *** *** *** *** *** *** *
SEMR QUARTERLY REPOSITE Submitted after first three more Covers 3 months of O&M		HOURS	8 8 8 8 6 4 4	\$37 TE	\$222 \$4,922 REASONABLE COST \$640 \$760 \$2,520 \$180 \$148 \$4,248

~	ORT - Subsequent Report			
Submitted for three months of	FO&M	<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR	8	\$80	\$640
	PE/PG	8		\$760
	STAFF GEOLOGIST/ENGINEER	24		\$1,680
	DRAFTSMAN	2		\$90
	CLERICAL	4		\$148
	· BERGINE	7	45 <i>1</i>	\$3,318
SEMR SEMI-ANNUAL RE	<u>-</u>			
Submitted after first six mont Covers 6 months of O&M	hs of O&M	<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR	16	\$80	\$1,280
	PE/PG	16	\$95	\$1,520
	STAFF GEOLOGIST/ENGINEER	60	\$70	\$4,200
	DRAFTSMAN	6	\$45	\$270
	CLERICAL	8	\$37	\$296
				\$7,566
SEMR SEMI-ANNUAL RE	CPORT - Subsequent Reports		***************************************	
Covers 6 months of O&M		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR	16	\$80	\$1,280
	PE/PG	16		\$1,520
	STAFF GEOLOGIST/ENGINEER	48		\$3,360
	DRAFTSMAN	4		\$180
	DAVAL LOMAN			
		8		\$296
	CLERICAL			\$296 \$6,636
RNA QUARTERLY IMPL	CLERICAL	8	\$37	
Submitted after first 3 month	CLERICAL EMENTATION REPORT (NAMR)	8	\$37	
Submitted after first 3 month	CLERICAL EMENTATION REPORT (NAMR) period of RNA monitoring	- 1st Report	\$37 RATE	\$6,636 REASONABLE COST
Submitted after first 3 month	CLERICAL EMENTATION REPORT (NAMR) period of RNA monitoring PROJECT MGR	- 1st Report HOURS	\$37 RATE \$80	\$6,636 REASONABLE COST \$160
Submitted after first 3 month	CLERICAL EMENTATION REPORT (NAMR) period of RNA monitoring PROJECT MGR PE/PG	- 1st Report HOURS	\$37 RATE \$80 \$95	\$6,636 REASONABLE COST \$160 \$95
Submitted after first 3 month	CLERICAL EMENTATION REPORT (NAMR) period of RNA monitoring PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER	- 1st Report <u>HOURS</u> 2 1 16	\$37 RATE \$80 \$95 \$70	\$6,636 REASONABLE COST \$160 \$95 \$1,120
	CLERICAL EMENTATION REPORT (NAMR) period of RNA monitoring PROJECT MGR PE/PG	- 1st Report HOURS	\$37 RATE \$80 \$95 \$70 \$45	\$6,636 REASONABLE COST \$160 \$95

	EMENTATION REPORT (NAMR)				
Submitted quarterly		<u>HOURS</u>	K	ATE	REASONABLE COST
One sampling event					
	PROJECT MGR		2	\$80	\$160
	PE/PG		1	\$95	\$95
	STAFF GEOLOGIST/ENGINEER		8	\$70	\$560
	DRAFTSMAN		2	\$45	\$90
	CLERICAL		2	\$37	\$74
					\$979
RNA SEMI-ANNUAL IM	PLEMENTATION REPORT (NAMI	R) - First R	lepc	rt	
Submitted semi-annually	,	<u>HOURS</u>		<u>RATE</u>	REASONABLE COST
Covers 6 month period of R	NA monitoring (2 sampling events)				
·	PROJECT MGR		4	\$80	\$320
	PE/PG		2	\$95	\$190
	STAFF GEOLOGIST/ENGINEER]	24	\$70	\$1,680
	DRAFTSMAN		4	\$45	\$180
	CLERICAL		4	\$37	\$148
					\$2,518
DNIA CEMILANNITAL IM	PLEMENTATION REPORT (NAMI	2) - Subsec	11101	ıt Report	
Submitted semi-annually	I LEMENTATION REPORT (NAME	HOURS		R Report PATE	REASONABLE COST
· ·	NA monitoring (2 sampling events)		_		
land of the state of the	PROJECT MGR		4	\$80	\$320
	PE/PG		2	\$95	\$190
	STAFF GEOLOGIST/ENGINEER	1	- 16	\$70	\$1,120
	DRAFTSMAN		4	\$45	\$180
	CLERICAL		4	\$37	\$148
					\$1,958

ALABAMA TANK TRUST FUND COST PROPOSAL AND PAYMENT REQUEST DEVELOPMENT SCENARIOS

The following reasonable rates are for the preparation of cost proposals and payment requests for the activities listed. For those activities not listed, comparisons can be made to a similar "level of effort" activity and that amount can be utilized and will be reviewed by the ADEM.

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		·	***	PROJ MGR		CLERICAL	
,				\$	80 00	\$	37 00
Pre-Approved Preliminary Investigation	Cost Proposal	\$	117		1		1
	Payment Request	\$	394		4		2
					DJ MGR		ERICAL
De-lammary Investigation	Cont December	\$	204	\$	80.00	3	37 00
Prehminary Investigation Secondary Investigation Plan/Report	Cost Proposal Payment Request	\$	394 394		4		2
ARBCA Data Acquisition Plan	Payment Request	3	394		4		<u> </u>
ARBCA Data Acquisition Plan and Tier 1/2 Reports							
Corrective Action Feasibility Study							
(Aquifer Testing, SVE test, etc.)							
• •							
Engineered System CA O&M Report							
				PRO)J MGR	CL	ERICAL
				\$	80 00	\$	37 00
Groundwater Monitoring Plan	Cost Proposal	\$	234		2		2
Groundwater Monitoring or RNA Report	Payment Request	8	234		2		2
Groundwater Monitoring Plan and Report	•	L					
Free Product Removal Plan and Report							
Free Product Removal Report							
Monitoring Well Abandonment Plan and Report							
ARBCA Tier 1 Report							
ARBCA Tier 2 Report							
ARBCA Tier 1 & 2 Report							
CAP Development: Soil, Groundwater and/or							
Free Product Removal (Engineered Design)							
CAP Development: Groundwater RNA							
CAP Development: Soil Excavation							
				PRO	DJ MGR	CL	ERICAL
				\$	30 00	\$	37 00
System Purchase Report	Cost Proposal	\$	554		6		2
Engineered System CA Installation Report	Payment Request	\$	394		4		2

ALABAMA TANK TRUST FUND TRAVEL SCENARIOS

The Frust Fund will cover travel time necessary to travel directly from the consultant's home base to the job site and for a return trip. Where a consultant is performing a "round" of assessments, remediation activities or sampling, the travel time should be calculated from the last site where work was performed.

Maximum travel time per one-way trip is 8 hours (or 450 miles), not to exceed 16 hours (or 900 miles) per person round-trip.

fravel time will be approved based on reasonable number of personnel traveling to the job site and appropriate personnel classifications.

ALABAMA TANK TRUST FUND FIELD WORK SCENARIOS

Reasonable costs are listed for typical fieldwork scenarios. For necessary work that is not listed below, proposed rates and hours will be reviewed on an individual basis based on information supplied in the cost proposal.

PRELIMINARY INVE	STIGATION			
Install 4 wells		<u>HOURS</u>	<u>RATE</u>	<u>REASONABLE COST</u>
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER FECHNICIAN		0 \$ 0 \$ 12 \$ 24 \$	80 \$ - 95 \$ - 70 \$ 840 45 \$ 1,080 \$ 1,920
SECONDARY INVESTIGATION				
Install 8 wells; slug testing		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER FECHNICIAN		0 \$ 0 \$ 32 \$ 36 \$	80 \$ - 95 \$ - 70 \$ 2,240 45 \$ 1,620 \$ 3,860
	ER MONITORING EVENT			
(Example is for 8 wells)	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER FECHNICIAN Site Set-Up FECHNICIAN - Sampling * * Approximately 1 hour per well	<u>HOURS</u>	RATE 0 \$ 0 \$ 0 \$ 2 \$ 8 \$	REASONABLE COST 80 \$ - 95 \$ - 70 \$ - 45 \$ 90 45 \$ 360 \$ 450
2 GROUNDWATER M (Example is for 8 wells)	MONITORING EVENTS	HOURS	RATE	REASONABLE COST
(Example is for 5 wells)	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER TECHNICIAN Site Set-Up TECHNICIAN - Sampling *	HOUNG	0 \$ 0 \$ 0 \$ 0 \$ 4 \$ 16 \$	80 \$ - 95 \$ - 70 \$ - 45 \$ 180 45 \$ 720 \$ 900
EDEE PRODUCT RE	* Approximately 1 hour per well MOVAL EVENT - MEME	······································		
PREE I RODUCT RE	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER IECHNICIAN	<u>HOURS</u>	**RATE** 0	REASONABLE COST 80 \$ - 95 \$ - 70 \$ - 45 \$ 450 \$ 450

AQUIFER TEST 12 H	OUR			
ACCITED TO 12 II		<u>HOURS</u>	RATE	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER FECHNICIAN		0 \$ 0 \$ 18 \$ 20 \$	80 \$ - 95 70 \$ 1,260 45 \$ 900 \$ 2,160
AQUIFER TEST 24 H	OUR			
		<u>HOURS</u>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER TECHNICIAN		0 \$ 0 \$ 30 \$ 32 \$	80 \$ - 95 70 \$ 2,100 45 \$ 1,440 \$ 3,540
SOIL VAPOR EXTRA				
		<u>HOURS</u>	<u>R.4TE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST ENGINEER FECHNICIAN		3 \$ 3 \$ 16 \$ 16 \$	80 \$ 240 95 \$ 285 70 \$ 1,120 45 \$ 720 \$ 2,365
MONITORING WELL ABANDONMENT				
(Example is for 8 wells)		<u>HOURS</u>	<u>R.4 T.E.</u>	<u>REASONABLE COST</u>
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER TECHNICIAN *		0 \$ 0 \$ 0 \$ 8 \$	80 \$ - 95 \$ - 70 \$ - 45 \$ 360
	* Approximately 1 hr per well			
CAP DEVELOPMEN	T SITE VISIT - SOIL EXCAVATIO	N <i>HOURS</i>	<u>RATE</u>	REASONABLE COST
	PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINEER FECHNICIAN		0 \$ 0 \$ 2 \$ 0 \$	80 \$ - 95 \$ - 70 \$ 140 45 \$ - \$ 140

CAP DEVELOPMENT SITE VISIT - GW AND SOIL	REMEDIATION
	HOURS RATE REASONABLE COST
PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINE FECHNICIAN	O \$ 80 \$ - O \$ 95 \$ - SER 8 \$ 70 \$ 560 O \$ 45 \$ - S 560
SYSTEM INSTALLATION ACTIVITIES WITH ON	E GW SAMPLING EVENT
Project oversight w/ one sampling event	HOURS RATE REASONABLE COST
PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINE TECHNICIAN Sampling event assumes 8 wells	10 \$ 45 \$ 450 \$ 6,410
O&M FIELDWORK - 3 MONTHS OF O&M WITH	
	HOURS RATE REASONABLE COST
PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINE FECHNICIAN Sampling event assumes 8 wells	58 \$ 45 \$ 2,610 \$ 3.250
O&M FIELDWORK - 6 MONTHS OF O&M WITH	
	HOURS RATE REASONABLE COST
PROJECT MGR PE/PG STAFF GEOLOGIST/ENGINE TECHNICIAN Sampling event assumes 8 wells	ER

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